

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
910 State Office Building Portland, OR 97201

HISTORY OF OIL OR GAS WELL

(In compliance with rules and regulations pursuant to ORS 520)

Gas Development Corp.
(Company or operator)

ONGDC
(Lease)

1W33d-3
(Well No.)

T. 6N, R. 5W W.B.M. Surveyed Coordinates: From the East 1/4
Sec. 3, West 1653' and South 1013'

(or) Field Name: Mist-Underground Storage County: Columbia

Signature: Jed Thomas
Position: Supt. Drilling & Production

Use this form in reporting the daily operations at the well. (Operator may use his own forms, but heading of this form must also be completed and submitted.) Please submit a complete history of the well. Include such information as bit sizes, mud weights, casing sizes and depths set, amount of cement used, drilling depths, fishing, logging, perforating, and plugging procedures, and anything else pertinent to the operation. Do not include lithology.

Date

- 5-19-1988 Move in. rig up Taylor rig #5. Spud well with 17 1/2" bit. Drilling to 75'
- 5-20-1988 Drilling 17 1/2" surface hole to 410'. losing circulation slowly.
- 5-21-1988 Drilling 17 1/2" surface hole to 585'. Wiper trip for casing. Rig up to run casing. Casing won't go past 41'. lay down casing and pick up bit and ream from below conductor to 70'. Run to bottom and circulate. POH for casing. Rig up to run casing.
- 5-22-1988 Run 14 jts, 556-50 ft. of 13 3/8", 54.5#, K-55 casing to 570'. Cement 700 sacks class G cement mixed with 2% CaCl. and 1/4#/sack cellophane. Lost mud returns after mixing approximately 500 sacks. No cement to surface. Run 1" pipe down annulus to 330'. Pump 50 sacks class G cement @ 320'. No returns. WOC. Run in with 1" pipe to 330'.
- 5-23-1988 Pump 20 sacks @ 320'. WOC. Run in hole with 1" and tag cement @ 305'. Pump 50 sacks top job @ 300'. Partial mud returns. WOC. Run in and tag cement @ 295'. Pump top job with 80 sacks. Partial mud returns. WOC RIH and tag cement at 285'. Pump 50 sacks at 280'. Full mud returns WOC.
- 5-24-1988 Tag cement at 220'. Pump 84 sacks. Partial mud returns. WOC. RIH and tag at 190'. Pump 50 sacks top job @ 180'. WOC. RIH and tag cement @ 140'. Pump 85 sacks @ 140'. WOC. RIH and tag @ 75'. Pump 45 Sacks top job. WOC. RIH and tag cement @ 34'. Pump 25 sacks top job. WOC.
- 5-25-1988 WOC. Cut off conductor and casing. Weld on wellhead. Test to 1500 psi. Nipple up BOPE. Pressure test blind rams to 960psi. Pipe rams to 1050 psi and hydril to 550 psi with state rep witnessing.
- 5-26-1988 Drilling float, cement and shoe. Drilling 12 1/4" hole to 650'. POH and pick up Dyna Drill and tools. Orient tool. Dyna drilling 12 1/4" hole. Kick off point @ 650'. Drilling, circulating and surveying to 920'. POH to change BHA. RIH with rotating assembly.

